OIPE

RAW SEQUENCE LISTING

DATE: 12/20/2001

PATENT APPLICATION: US/09/749,873

TIME: 11:27:50

Input Set : N:\Crf3\RULE60\09749873.txt Output Set: N:\CRF3\12202001\I749873.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

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6
              (i) APPLICANT: OHTOMO, Toshihiko
      7
                             SATO, Koh
            (ii) TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN MEDILLORLASTONA CETTO
      8
     10
     11
     13
           (iii) NUMBER OF SEQUENCES: 132
     15
            (iv) CORRESPONDENCE ADDRESS:
     16
                   (A) ADDRESSEE: Foley & Lardner
                   (B) STREET: 3000 K Street, N.W., Suite 500
     17
     18
                   (C) CITY: Washington
                   (D) STATE: D.C.
     19
     20
                   (E) COUNTRY: USA
     21
                   (F) ZIP: 20007-5109
     23
              (V) COMPUTER READABLE FORM:
     24
                   (A) MEDIUM TYPE: Floppy disk
     25
                   (B) COMPUTER: IBM PC compatible
                   (C) OPERATING SYSTEM: PC-DOS/MS-DOS
     26
     27
                   (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
     29
            (vi) CURRENT APPLICATION DATA:
C--> 30
                   (A) APPLICATION NUMBER: US/09/749,873
C--> 31
                   (B) FILING DATE: 29-Dec-2000
                   (C) CLASSIFICATION:
     32
           (vii) PRIOR APPLICATION DATA:
     38
                   (A) APPLICATION NUMBER: 08/646,265
     35
     36
                   (B) FILING DATE: 1996-09-09
     39
                   (A) APPLICATION NUMBER: JP 5-291078
     40
                   (B) FILING DATE: 19-NOV-1993
     42
          (viii) ATTORNEY/AGENT INFORMATION:
     43
                   (A) NAME: WEGNER, Harold C.
                   (B) REGISTRATION NUMBER: 25,258
     44
     45
                   (C) REFERENCE/DOCKET NUMBER: 53466/184
     47
            (ix) TELECOMMUNICATION INFORMATION:
     48
                   (A) TELEPHONE: (202)672-5300
     49
                   (B) TELEFAX: (202)672-5399
     50
                   (C) TELEX: 904136
     53 (2) INFORMATION FOR SEQ ID NO: 1:
             (i) SEQUENCE CHARACTERISTICS:
     56
                   (A) LENGTH: 40 base pairs
     57
                   (B) TYPE: nucleic acid
     58
                   (C) STRANDEDNESS: single
     59
                   (D) TOPOLOGY: linear
            (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                   40
     67 ACTAGTCGAC ATGAAGTTGC CTGTTAGGCT GTTGGTGCTG
     69 (2) INFORMATION FOR SEQ ID NO: 2:
             (i) SEQUENCE CHARACTERISTICS:
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71

RAW SEQUENCE LISTING DATE: 12/20/2001 PATENT APPLICATION: US/09/749,873 TIME: 11:27:50

Input Set : N:\Crf3\RULE60\09749873.txt
Output Set: N:\CRF3\12202001\1749873.raw

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72
             (A) LENGTH: 39 base pairs
73
              (B) TYPE: nucleic acid
74
             (C) STRANDEDNESS: single
75
             (D) TOPOLOGY: linear
81
       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
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83 ACTAGTCGAC ATGGAGWCAG ACACACTCCT GYTATGGGT
85 (2) INFORMATION FOR SEQ ID NO: 3:
87
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88
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             (B) TYPE: nucleic acid
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             (C) STRANDEDNESS: single
91
             (D) TOPOLOGY: linear
       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
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99 ACTAGTCGAC ATGAGTGTGC TCACTCAGGT CCTGGSGTTG
101 (2) INFORMATION FOR SEQ ID NO: 4:
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104
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              (C) STRANDEDNESS: single
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              (D) TOPOLOGY: linear
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        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
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115 ACTAGTCGAC ATGAGGRCCC CTGCTCAGWT TYTTGGMWTC TTG
117 (2) INFORMATION FOR SEQ ID NO: 5:
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              (B) TYPE: nucleic acid
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              (C) STRANDEDNESS: single
123
              (D) TOPOLOGY: linear
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        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
131 ACTAGTCGAC ATGGATTTWC AGGTGCAGAT TWTCAGCTTC
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133 (2) INFORMATION FOR SEQ ID NO: 6:
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         (i) SEQUENCE CHARACTERISTICS:
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              (A) LENGTH: 37 base pairs
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              (B) TYPE: nucleic acid
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              (C) STRANDEDNESS: single
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              (D) TOPOLOGY: linear
145
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
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147 ACTAGTCGAC ATGAGGTKCY YTGYTSAGYT YCTGRGG
149 (2) INFORMATION FOR SEQ ID NO: 7:
151
         (i) SEQUENCE CHARACTERISTICS:
152
              (A) LENGTH: 41 base pairs
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              (B) TYPE: nucleic acid
154
              (C) STRANDEDNESS: single
155
              (D) TOPOLOGY: linear
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
                                                                              41
163 ACTAGTCGAC ATGGGCWTCA AGATGGAGTC ACAKWYYCWG G
165 (2) INFORMATION FOR SEQ ID NO: 8:
167
         (i) SEQUENCE CHARACTERISTICS:
168
              (A) LENGTH: 41 base pairs
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/749,873

TIME: 11:27:50

Input Set : N:\Crf3\RULE60\09749873.txt
Output Set: N:\CRF3\12202001\1749873.raw

169		
171	169 (B) TYPE: nucleic acid	
177 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: 179 ACTAGTCGAC ATGTGGGGAY CTKTTYCMM TITTCAATT G 181 (2) INFORMATION FOR SEQ ID NO: 9: 183 (1) SEQUENCE CHARACTERISTICS: 184 (A) LENGTH: 35 base pairs 185 (B) TYPE: nucleic acid 186 (C) STRANDEDNESS: single 187 (D) TOPOLOGY: linear 193 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9: 195 ACTAGTCGAC ATGGGGTAC CASCTCAGTT CCTTG 197 (2) INFORMATION FOR SEO ID NO: 10: 199 (i) SEQUENCE CHARACTERISTICS: 200 (A) LENGTH: 37 base pairs 201 (B) TYPE: nucleic acid 202 (C) STRANDEDNESS: single 203 (D) TOPOLOGY: linear 209 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10: 211 ACTAGTCGAC ATGGATATAT GTTTGTTGTC TATTCT 213 (2) INFORMATION FOR SEQ ID NO: 11: 215 (i) SEQUENCE CHARACTERISTICS: 216 (A) LENGTH: 38 base pairs 217 (B) TYPE: nucleic acid 218 (C) STRANDEDNESS: single 219 (D) TOPOLOGY: linear 225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11: 227 ACTAGTCGAC ATGGATACT GTTTGTGTC TATTCT 238 (C) STRANDEDNESS: single 219 (D) TOPOLOGY: linear 220 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11: 221 ACTAGTCGAC ATGGAGGCC CAGCTCAGCT TCTCTTCC 38 (2) INFORMATION FOR SEQ ID NO: 12: 222 (x) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 223 (A) LENGTH: 27 base pairs 224 (2) INFORMATION FOR SEQ ID NO: 13: 225 (D) TOPOLOGY: linear 226 (2) INFORMATION FOR SEQ ID NO: 13: 227 (4) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 233 (B) TYPE: nucleic acid 234 (C) STRANDEDNESS: single 245 (2) INFORMATION FOR SEQ ID NO: 13: 247 (1) SEQUENCE CHARACTERISTICS: 248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 261 (C) STRANDEDNESS: single 270 (C) STRANDEDNESS: single 271 (1) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 272 (X) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 273 (X) SEQUENCE CHARACTERISTICS: 274 (1) SEQUENCE CHARACTERISTICS: 275 (X) SEQUENCE CHARACTERISTICS: 276 (X) SEQUENCE CHARACTERISTICS: 277 (X) SEQUENCE CHARACTERISTICS: 278 (X) SEQUENCE CHARACTERISTICS: 279 (X) SEQUENCE CHARACTERISTICS: 270 (X) SEQUENCE CHARACTERISTICS: 271 (X) SEQUENCE CHARACTERISTICS: 272 (X) SEQUENCE CHARACTERISTICS: 273 (X) SEQUENCE CHARACTERIS	170 (C) STRANDEDNESS: single	
179 ACTACTCCAC ATGTGGGGAY CTKTTTYCMM TTTTCAATT G	171 (D) TOPOLOGY: linear	
181 (2) INFORMATION FOR SEQ ID NO: 9: 183 (1) SEQUENCE CHARACTERISTICS: 184 (A) LENOTH: 35 base pairs 185 (B) TYPE: nucleic acid 186 (C) STRANDEDNESS: single 187 (D) TOPOLOGY: linear 193 (Xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9: 194 CATAGGICGAC ATGGITRICOW CASCICAGGIT CCTTG 195 ACTAGGICGAC ATGGITRICOW CASCICAGTIT CCTTG 197 (2) INFORMATION FOR SEQ ID NO: 10: 199 (i) SEQUENCE CHARACTERISTICS: 200 (A) LENOTH: 37 base pairs 201 (B) TYPE: nucleic acid 202 (C) STRANDEDNESS: single 203 (D) TOPOLOGY: linear 209 (Xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10: 11 ACTAGGICGAC ATGGITATHAT GTTTGTTGT TATTTCT 13 (2) INFORMATION FOR SEQ ID NO: 11: 125 (i) SEQUENCE CHARACTERISTICS: 126 (A) LENOTH: 38 base pairs 127 (B) TYPE: nucleic acid 128 (C) STRANDEDNESS: single 129 (D) TOPOLOGY: linear 129 (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 11: 120 (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 11: 121 ACTAGGICGAC ATGGAAGCC CAGGICAGCT TCTCTTCC 138 (C) STRANDEDNESS: single 140 (C) STRANDEDNESS: single 151 (I) SEQUENCE DESCRIPTION: SEQ ID NO: 11: 129 (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 130 (I) SEQUENCE CHARACTERISTICS: 131 (I) SEQUENCE CHARACTERISTICS: 132 (A) LENOTH: 27 base pairs 133 (B) TYPE: nucleic acid 134 (C) STRANDEDNESS: single 135 (D) TOPOLOGY: linear 141 (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 143 (GATCCCGGG TGGATGTGG GAAGATG 144 (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 145 (2) INFORMATION FOR SEQ ID NO: 13: 147 (1) SEQUENCE CHARACTERISTICS: 148 (A) LENOTH: 37 base pairs 149 (B) TYPE: nucleic acid 150 (C) STRANDEDNESS: single 151 (D) TOPOLOGY: linear 152 (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 153 (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 154 (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 155 (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 157 (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 158 (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 159 ACTAGGICGAC ATGAATICGA SCTGGGICTAT STTCTTC 150 (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 14: 150 (XI) SEQUENCE CHARACTERISTICS: 150 (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 150 (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 1	177 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:	
183	179 ACTAGTCGAC ATGTGGGGAY CTKTTTYCMM TTTTTCAATT G	41
184	181 (2) INFORMATION FOR SEQ ID NO: 9:	
185 (B) TYPE: nucleic acid 186 (C) STRANDEDNESS: single 187 (D) TOPOLOGY: linear 193 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9: 195 ACTAGTCGAC ATGGTRTCCW CASCTCAGTT CCTTG 35 197 (2) INFORMATION FOR SEC ID NO: 10: 199 (i) SEQUENCE CHARACTERISTICS: 200 (A) LENGTH: 37 base pairs 201 (B) TYPE: nucleic acid 202 (C) STRANDEDNESS: single 203 (D) TOPOLOGY: linear 209 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10: 211 ACTAGTCGAC ATGTATATAT GTTTGTTGTC TATTTCT 37 13 (2) INFORMATION FOR SEQ ID NO: 11: 215 (i) SEQUENCE CHARACTERISTICS: 216 (A) LENGTH: 38 base pairs 217 (B) TYPE: nucleic acid 218 (C) STRANDEDNESS: single 219 (D) TOPOLOGY: linear 225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11: 227 ACTAGTCGAC ATGGAAGCCC CAGCTCAGCT TCTCTCCC 38 229 (2) INFORMATION FOR SEQ ID NO: 12: 231 (i) SEQUENCE CHARACTERISTICS: 232 (A) LENGTH: 27 base pairs 233 (B) TYPE: nucleic acid 234 (C) STRANDEDNESS: single 235 (D) TOPOLOGY: linear 241 (xi) SEQUENCE CHARACTERISTICS: 232 (A) LENGTH: 27 base pairs 233 (B) TYPE: nucleic acid 234 (C) STRANDEDNESS: single 235 (D) TOPOLOGY: linear 241 (xi) SEQUENCE CHARACTERISTICS: 242 (A) LENGTH: 37 base pairs 243 (G) STRANDEDNESS: single 255 (D) TOPOLOGY: linear 267 (xi) SEQUENCE CHARACTERISTICS: 278 (A) LENGTH: 37 base pairs 279 (B) TYPE: nucleic acid 270 (C) STRANDEDNESS: single 271 (xi) SEQUENCE CHARACTERISTICS: 272 (xi) SEQUENCE CHARACTERISTICS: 273 (xi) SEQUENCE CHARACTERISTICS: 274 (1) SEQUENCE CHARACTERISTICS: 275 (xi) SEQUENCE CHARACTERISTICS: 276 (2) INFORMATION FOR SEQ ID NO: 13: 277 (xi) SEQUENCE CHARACTERISTICS: 278 (xi) SEQUENCE CHARACTERISTICS: 279 (xi) SEQUENCE CHARACTERISTICS: 280 (1) INFORMATION FOR SEQ ID NO: 14: 281 (xi) SEQUENCE CHARACTERISTICS: 282 (xi) SEQUENCE CHARACTERISTICS: 283 (xi) SEQUENCE CHARACTERISTICS: 284 (xi) SEQUENCE CHARACTERISTICS: 285 (xi) SEQUENCE CHARACTERISTICS: 286 (xi) SEQUENCE CHARACTERISTICS: 287 (xi) SEQUENCE CHARACTERISTICS: 288 (xi) SEQUENCE CHARACTERISTICS: 289 (xi) SEQUENCE CHARACTERISTICS: 290 (xi) SEQUENCE CHARACTERISTICS: 291 (xi) SEQUENCE CHARACTERISTICS: 292 (x	183 (i) SEQUENCE CHARACTERISTICS:	
186	184 (A) LENGTH: 35 base pairs	
186	185 (B) TYPE: nucleic acid	
187 (D) TOPOLOGY: linear 193 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9: 195 ACTAGTCGAC ATGGTRTCCW CASCTCAGTT CCTTG 35 197 (2) INFORMATION FOR SEQ ID NO: 10: 199 (i) SEQUENCE CHARACTERISTICS: 200 (A) LENGTH: 37 base pairs 201 (B) TYPE: nucleic acid 202 (C) STRANDEDNESS: single 203 (D) TOPOLOGY: linear 209 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10: 211 ACTAGTCGAC ATGTATATAT GTTTGTTGTC TATTCT 37 13 (2) INFORMATION FOR SEC ID NO: 11: 215 (i) SEQUENCE CHARACTERISTICS: 216 (A) LENGTH: 38 base pairs 217 (B) TYPE: nucleic acid 218 (C) STRANDEDNESS: single 219 (D) TOPOLOGY: linear 225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11: 227 ACTAGTCGAC ATGGAAGCCC CAGCTCAGCT TCTCTTCC 38 29 (2) INFORMATION FOR SEQ ID NO: 12: 231 (i) SEQUENCE CHARACTERISTICS: 232 (A) LENGTH: 27 base pairs 233 (B) TYPE: nucleic acid 234 (C) STRANDEDNESS: single 235 (D) TOPOLOGY: linear 241 (xi) SEQUENCE CHARACTERISTICS: 232 (A) LENGTH: 27 base pairs 233 (B) TYPE: nucleic acid 234 (C) STRANDEDNESS: single 235 (D) TOPOLOGY: linear 241 (xi) SEQUENCE CHARACTERISTICS: 242 (A) LENGTH: 37 base pairs 243 (C) STRANDEDNESS: single 245 (2) INFORMATION FOR SEQ ID NO: 13: 247 (i) SEQUENCE CHARACTERISTICS: 248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 245 (2) INFORMATION FOR SEQ ID NO: 13: 257 (xi) SEQUENCE CHARACTERISTICS: 268 (A) LENGTH: 37 base pairs 279 (Xi) SEQUENCE CHARACTERISTICS: 280 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 252 (Xi) SEQUENCE CHARACTERISTICS: 253 (XI) SEQUENCE CHARACTERISTICS: 254 (XI) SEQUENCE CHARACTERISTICS: 255 (XI) SEQUENCE CHARACTERISTICS: 266 (XI) SEQUENCE CHARACTERISTICS: 267 (XI) SEQUENCE CHARACTERISTICS: 268 (XI) SEQUENCE CHARACTERISTICS: 269 (XI) SEQUENCE CHARACTERISTICS: 260 (X) SEQUENCE CHARACTERISTICS: 261 (XI) SEQUENCE CHARACTERISTICS: 262 (XI) SEQUENCE CHARACTERISTICS: 263 (XI) SEQUENCE CHARACTERISTICS: 264 (XI) SEQUENCE CHARACTERISTICS: 265 (XI) SEQUENCE CHARACTERISTICS: 266 (XI) SEQUENCE CHARACTERISTICS: 270 ACTACTOR XOTACTERISTICS: 281 ACTACTOR XOTACTERI	· ·	
193 (XI) SEQUENCE DESCRIPTION: SEQ ID NO: 9: 195	, ,	
195 ACTAGTCCAC ATGGTRTCCW CASCTCAGTT CCTTG 197 (2) INFORMATION FOR SEQ ID NO: 10: 199 (i) SEQUENCE CHARACTERISTICS: 200 (A) LENGTH: 37 base pairs 201 (B) TYPE: nucleic acid 202 (C) STRANDEDNESS: single 203 (D) TOPOLOGY: linear 209 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10: 211 ACTAGTCGAC ATGTATATAT GTTTGTTGTC TATTTCT 213 (2) INFORMATION FOR SEQ ID NO: 11: 215 (i) SEQUENCE CHARACTERISTICS: 216 (A) LENGTH: 38 base pairs 217 (B) TYPE: nucleic acid 218 (C) STRANDEDNESS: single 219 (D) TOPOLOGY: linear 225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11: 227 ACTAGTCGAC ATGGAGCCC CAGCTCAGCT TCTCTTCC 238 (2) INFORMATION FOR SEQ ID NO: 12: 231 (i) SEQUENCE CHARACTERISTICS: 232 (A) LENGTH: 27 base pairs 233 (B) TYPE: nucleic acid 234 (C) STRANDEDNESS: single 235 (D) TOPOLOGY: linear 241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 243 GGATCCCGGG TGGATGGTG GAAGATG 245 (2) INFORMATION FOR SEQ ID NO: 13: 247 (i) SEQUENCE CHARACTERISTICS: 248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 254 (Xi) SEQUENCE CHARACTERISTICS: 255 (Xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 256 (C) STRANDEDNESS: single 257 (xi) SEQUENCE CHARACTERISTICS: 258 (XI) SEQUENCE CHARACTERISTICS: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs	· ·	
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200 (A) LENGTH: 37 base pairs 201 (B) TYPE: nucleic acid 202 (C) STRANDEDNESS: single 203 (D) TOPOLOGY: linear 209 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10: 211 ACTAGTCGAC ATGTATATAT GTTTGTTGTC TATTTCT 37 213 (2) INFORMATION FOR SEQ ID NO: 11: 215 (i) SEQUENCE CHARACTERISTICS: 216 (A) LENGTH: 38 base pairs 217 (B) TYPE: nucleic acid 218 (C) STRANDEDNESS: single 219 (D) TOPOLOGY: linear 225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11: 227 ACTAGTCGAC ATGGAAGCC CAGCTCAGCT TCTCTTCC 38 229 (2) INFORMATION FOR SEQ ID NO: 12: 231 (i) SEQUENCE CHARACTERISTICS: 232 (A) LENGTH: 27 base pairs 233 (B) TYPE: nucleic acid 234 (C) STRANDEDNESS: single 235 (D) TOPOLOGY: linear 241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 243 GGATCCCGGG TGGATGGTGG GAAGATG 255 (D) TOPOLOGY: linear 241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 243 GGATCCCGGG TGGATGGTGG GAAGATG 254 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 253 (E) TYPE: nucleic acid 254 (A) LENGTH: 37 base pairs 255 (C) STRANDEDNESS: single 256 (C) STRANDEDNESS: single 257 (xi) SEQUENCE CHARACTERISTICS: 268 (A) LENGTH: 36 base pairs 269 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 37 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs	• •	•
201 (B) TYPE: nucleic acid 202 (C) STRANDEDNESS: single 203 (D) TOPOLOGY: linear 209 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10: 211 ACTAGTCGAC ATCTATATAT GTTTCTTCT TATTCT TOTTCT TOTTCT TOTTCT TATTCT TOTTCT	• •	
C	` '	
QD		
209		
211 ACTAGTCCAC ATGTATATAT GTTTGTTGTC TATTTCT 213 (2) INFORMATION FOR SEQ ID NO: 11: 215 (i) SEQUENCE CHARACTERISTICS: 216 (A) LENGTH: 38 base pairs 217 (B) TYPE: nucleic acid 218 (C) STRANDEDNESS: single 219 (D) TOPOLOGY: linear 225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11: 227 ACTAGTCGAC ATGGAAGCCC CAGCTCAGCT TCTCTCC 38 229 (2) INFORMATION FOR SEQ ID NO: 12: 231 (i) SEQUENCE CHARACTERISTICS: 232 (A) LENGTH: 27 base pairs 233 (B) TYPE: nucleic acid 234 (C) STRANDEDNESS: single 235 (D) TOPOLOGY: linear 241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 243 GGATCCCGGG TGGATGGTGG GAAGATG 245 (2) INFORMATION FOR SEQ ID NO: 13: 247 (i) SEQUENCE CHARACTERISTICS: 248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 37 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs	· ·	
213 (2) INFORMATION FOR SEQ ID NO: 11: 215	·	37
215 (i) SEQUENCE CHARACTERISTICS: 216 (A) LENGTH: 38 base pairs 217 (B) TYPE: nucleic acid 218 (C) STRANDEDNESS: single 219 (D) TOPOLOGY: linear 225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11: 227 ACTAGTCGAC ATGGAAGCCC CAGCTCAGCT TCTCTCC 38 229 (2) INFORMATION FOR SEQ ID NO: 12: 231 (i) SEQUENCE CHARACTERISTICS: 232 (A) LENGTH: 27 base pairs 233 (B) TYPE: nucleic acid 234 (C) STRANDEDNESS: single 235 (D) TOPOLOGY: linear 241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 243 GGATCCCGGG TGGATGGTG GAAGATG 27 245 (2) INFORMATION FOR SEQ ID NO: 13: 247 (i) SEQUENCE CHARACTERISTICS: 248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE CESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 37 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs		3,
216	,	
217	· · ·	
218		
219	· ·	
225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11: 227 ACTAGTCGAC ATGGAAGCCC CAGCTCAGCT TCTCTCC 38 229 (2) INFORMATION FOR SEQ ID NO: 12: 231 (i) SEQUENCE CHARACTERISTICS: 232 (A) LENGTH: 27 base pairs 233 (B) TYPE: nucleic acid 234 (C) STRANDEDNESS: single 235 (D) TOPOLOGY: linear 241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 243 GGATCCCGGG TGGATGGTGG GAAGATG 245 (2) INFORMATION FOR SEQ ID NO: 13: 247 (i) SEQUENCE CHARACTERISTICS: 248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 37 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs		
227 ACTAGTCGAC ATGGAAGCCC CAGCTCAGCT TCTCTTCC 229 (2) INFORMATION FOR SEQ ID NO: 12: 231 (i) SEQUENCE CHARACTERISTICS: 232 (A) LENGTH: 27 base pairs 233 (B) TYPE: nucleic acid 234 (C) STRANDEDNESS: single 235 (D) TOPOLOGY: linear 241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 243 GGATCCCGGG TGGATGGTGG GAAGATG 254 (2) INFORMATION FOR SEQ ID NO: 13: 247 (i) SEQUENCE CHARACTERISTICS: 248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 37 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs		
229 (2) INFORMATION FOR SEQ ID NO: 12: 231 (i) SEQUENCE CHARACTERISTICS: 232 (A) LENGTH: 27 base pairs 233 (B) TYPE: nucleic acid 234 (C) STRANDEDNESS: single 235 (D) TOPOLOGY: linear 241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 243 GGATCCCGGG TGGATGGTGG GAAGATG 27 245 (2) INFORMATION FOR SEQ ID NO: 13: 247 (i) SEQUENCE CHARACTERISTICS: 248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs		20
(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 27 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (Xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 243 GGATCCCGGG TGGATGGTGG GAAGATG (I) SEQUENCE CHARACTERISTICS: (A) LENGTH: 37 base pairs (A) LENGTH: 37 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (Xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC (Xi) SEQUENCE CHARACTERISTICS: (A) LENGTH: 36 base pairs		36
232 (A) LENGTH: 27 base pairs 233 (B) TYPE: nucleic acid 234 (C) STRANDEDNESS: single 235 (D) TOPOLOGY: linear 241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 243 GGATCCCGGG TGGATGGTGG GAAGATG 245 (2) INFORMATION FOR SEQ ID NO: 13: 247 (i) SEQUENCE CHARACTERISTICS: 248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs		
233 (B) TYPE: nucleic acid 234 (C) STRANDEDNESS: single 235 (D) TOPOLOGY: linear 241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 243 GGATCCCGGG TGGATGGTGG GAAGATG 250 (I) SEQUENCE CHARACTERISTICS: 248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs		
(C) STRANDEDNESS: single (D) TOPOLOGY: linear (Xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 243 GGATCCCGGG TGGATGGTGG GAAGATG 250 (I) SEQUENCE CHARACTERISTICS: (A) LENGTH: 37 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (Xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 257 (Xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 258 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs		
235 (D) TOPOLOGY: linear 241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 243 GGATCCCGGG TGGATGGTGG GAAGATG 245 (2) INFORMATION FOR SEQ ID NO: 13: 247 (i) SEQUENCE CHARACTERISTICS: 248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs	, ,	
241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 243 GGATCCCGGG TGGATGGTGG GAAGATG 245 (2) INFORMATION FOR SEQ ID NO: 13: 247 (i) SEQUENCE CHARACTERISTICS: 248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 361 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs	· · ·	
243 GGATCCCGGG TGGATGGTGG GAAGATG 245 (2) INFORMATION FOR SEQ ID NO: 13: 247 (i) SEQUENCE CHARACTERISTICS: 248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs	• •	
245 (2) INFORMATION FOR SEQ ID NO: 13: 247 (i) SEQUENCE CHARACTERISTICS: 248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 37 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs		
247 (i) SEQUENCE CHARACTERISTICS: 248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs		27
248 (A) LENGTH: 37 base pairs 249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 37 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs	245 (2) INFORMATION FOR SEQ ID NO: 13:	
249 (B) TYPE: nucleic acid 250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs		
250 (C) STRANDEDNESS: single 251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs		
251 (D) TOPOLOGY: linear 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 37 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs	· · · · · · · · · · · · · · · · · · ·	
257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 37 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs	250 (C) STRANDEDNESS: single	
259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC 261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs	251 (D) TOPOLOGY: linear	
261 (2) INFORMATION FOR SEQ ID NO: 14: 263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs		
263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs	259 ACTAGTCGAC ATGAAATGCA GCTGGGTCAT STTCTTC	37
263 (i) SEQUENCE CHARACTERISTICS: 264 (A) LENGTH: 36 base pairs	261 (2) INFORMATION FOR SEQ ID NO: 14:	
264 (A) LENGTH: 36 base pairs		
205 (b) III b. nacicle acia	265 (B) TYPE: nucleic acid	

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/749,873

DATE: 12/20/2001 TIME: 11:27:50

Input Set : N:\Crf3\RULE60\09749873.txt
Output Set: N:\CRF3\12202001\1749873.raw

266	(C) STRANDEDNESS: single			
267	(D) TOPOLOGY: linear			
273	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:	14:		
275	ACTAGTCGAC ATGGGATGGA GCTRTATCAT SYTCTT			36
277	(2) INFORMATION FOR SEQ ID NO: 15:			
279	(i) SEQUENCE CHARACTERISTICS:			
280	(A) LENGTH: 37 base pairs			
281	(B) TYPE: nucleic acid			
282	(C) STRANDEDNESS: single			
283	(D) TOPOLOGY: linear			
289	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:	15:		
291	ACTAGTCGAC ATGAAGWTGT GGTTAAACTG GGTTTTT			37
293	(2) INFORMATION FOR SEQ ID NO: 16:			
295	(i) SEQUENCE CHARACTERISTICS:			
296	(A) LENGTH: 35 base pairs			
297	(B) TYPE: nucleic acid			
298	(C) STRANDEDNESS: single			
299	(D) TOPOLOGY: linear			
305	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:	16:		
307	ACTAGTCGAC ATGRACTTTG GGYTCAGCTT GRTTT		· .	35
309	(2) INFORMATION FOR SEQ ID NO: 17:		•	
311	(i) SEQUENCE CHARACTERISTICS:			
312	(A) LENGTH: 40 base pairs			
313	(B) TYPE: nucleic acid			
314	(C) STRANDEDNESS: single		•	
315	(D) TOPOLOGY: linear			
321	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:	17:		
323	ACTAGTCGAC ATGGACTCCA GGCTCAATTT AGTTTTCC	TT	•	40
325	(2) INFORMATION FOR SEQ ID NO: 18:			
327	(i) SEQUENCE CHARACTERISTICS:			
328	(A) LENGTH: 37 base pairs			
329	(B) TYPE: nucleic acid		•	
330	(C) STRANDEDNESS: single			
331	(D) TOPOLOGY: linear			
337	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:	18:		
339	ACTAGTCGAC ATGGCTGTCY TRGSGCTRCT CTTCTGC		;	37
341	(2) INFORMATION FOR SEQ ID NO: 19:			
343	(i) SEQUENCE CHARACTERISTICS:			
344	(A) LENGTH: 36 base pairs			
345	(B) TYPE: nucleic acid			
346	(C) STRANDEDNESS: single			
347	(D) TOPOLOGY: linear			
353	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:	19:		
	ACTAGTCGAC ATGGRATGGA GCKGGRTCTT TMTCTT			36
	(2) INFORMATION FOR SEQ ID NO: 20:			
359	(i) SEQUENCE CHARACTERISTICS:			
.360	(A) LENGTH: 33 base pairs	-		
361	(B) TYPE: nucleic acid			
362	(C) STRANDEDNESS: single			

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Output Set: N:\CRF3\12202001\1749873.raw

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363
              (D) TOPOLOGY: linear
369
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
371 ACTAGTCGAC ATGAGAGTGC TGATTCTTTT GTG
                                                                              33
373 (2) INFORMATION FOR SEQ ID NO: 21:
       (i) SEQUENCE CHARACTERISTICS:
375
376
              (A) LENGTH: 40 base pairs
377
              (B) TYPE: nucleic acid
378
              (C) STRANDEDNESS: single
379
              (D) TOPOLOGY: linear
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
                                                                              40
387 ACTAGTCGAC ATGGMTTGGG TGTGGAMCTT GCTATTCCTG
389 (2) INFORMATION FOR SEQ ID NO: 22:
391
         (i) SEQUENCE CHARACTERISTICS:
392
              (A) LENGTH: 37 base pairs
393
              (B) TYPE: nucleic acid
394
              (C) STRANDEDNESS: single
395
              (D) TOPOLOGY: linear
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:
401
403 ACTAGTCGAC ATGGGCAGAC TTACATTCTC ATTCCTG
                                                                              37
405 (2) INFORMATION FOR SEQ ID NO: 23:
407
         (i) SEQUENCE CHARACTERISTICS:
408
              (A) LENGTH: 38 base pairs
409
              (B) TYPE: nucleic acid
410
              (C) STRANDEDNESS: single
411
              (D) TOPOLOGY: linear
417
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:
                                                                              38
419 ACTAGTCGAC ATGGATTTTG GGCTGATTTT TTTTATTG
421 (2) INFORMATION FOR SEQ ID NO: 24:
        (i) SEQUENCE CHARACTERISTICS:
              (A) LENGTH: 37 base pairs
424
425
              (B) TYPE: nucleic acid
426
              (C) STRANDEDNESS: single
427
              (D) TOPOLOGY: linear
433
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:
                                                                              37
435 ACTAGTCGAC ATGATGGTGT TAAGTCTTCT GTACCTG
437 (2) INFORMATION FOR SEQ ID NO: 25:
439
         (i) SEQUENCE CHARACTERISTICS:
440
              (A) LENGTH: 28 base pairs
441
              (B) TYPE: nucleic acid
442
              (C) STRANDEDNESS: single
443
              (D) TOPOLOGY: linear
449
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25:
                                                                              28
451 GGATCCCGGG CCAGTGGATA GACAGATG
453 (2) INFORMATION FOR SEQ ID NO: 26:
455
        (i) SEQUENCE CHARACTERISTICS:
456
             (A) LENGTH: 382 base pairs
457
             (B) TYPE: nucleic acid
458
              (C) STRANDEDNESS: double
459
              (D) TOPOLOGY: linear
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/749,873

DATE: 12/20/2001 ·

TIME: 11:27:51

Input Set : N:\Crf3\RULE60\09749873.txt
Output Set: N:\CRF3\12202001\I749873.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]